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25700 7590 10/14/2003

FARJAMI & FARJAMI LLP  
 16148 SAND CANYON  
 IRVINE, CA 92618



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Sakhie Bah	(Depositor's name)
[Signature]	(Signature)
November 20, 2003	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/982,540	10/17/2001	Hiok-Nam Tay	09785980-0054	7758

TITLE OF INVENTION: ARRANGEMENT OF MICROLENSSES IN A SOLID-STATE IMAGE SENSOR FOR IMPROVING SIGNAL TO NOISE RATIO

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	01/14/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
PYO, KEVIN K	2878	250-208100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev. 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Farjami & Farjami LLP

2 \_\_\_\_\_

3 \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

ESS Technology, Inc.

Newport Beach, CA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee☒ Advance Order - # of Copies 5

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 60-0731 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

Farshad Farjami, Esq.

November 18, 2003

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11/26/2003 SDIRETAE 00000085 09982540

01 FC:1501

1330.00 OP

02 FC:0001

15.00 OP

TRANSMIT THIS FORM WITH FEE(S)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s): Hiok-Nam, Tay**

**Application Serial No.: 09/982,540**

**Filed: October 17, 2001**

**Title: Arrangement of Microlenses in a  
Solid-State Image Sensor for  
Improving Signal to Noise Ratio**

**Group Art Unit: 2878**

**Examiner: Pyo, Kevin K.**

**Notice of Allowance Date: 10/14/2003**

**ISSUE FEE AND FEE FOR FIVE COPIES  
OF THE ISSUED PATENT**

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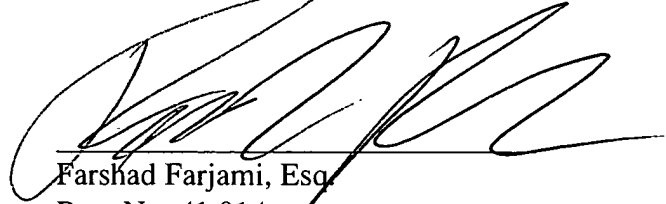
Dear Sir:

Enclosed, please find the completed "Issue Fee Transmittal" form and a Credit Card Payment Form PTO-2038 to be charged in the amount of \$1,345.00 to cover the issue fee, and fee for five (5) copies of the issued patent. The drawings filed on October 17, 2001 have been accepted as formal drawings by the Examiner.

An early issuance of the present application is respectfully requested.

Respectfully Submitted;  
FARJAMI & FARJAMI LLP

Dated: 11/18/03



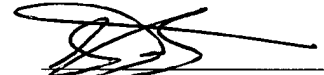
Farshad Farjami, Esq.  
Reg. No. 41,014  
FARJAMI & FARJAMI LLP  
Attorneys for Applicant

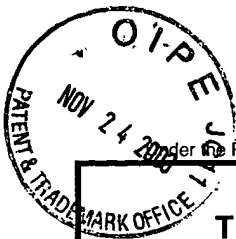
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I hereby certify that this correspondence is being deposited 'with the United States Postal Service "First Class Mail Post Office to addressee" Service under 37 C.F.R. Sec. 1.10 addressed to: MAILSTOP ISSUE FEE; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 11/20/03.

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/982,540	
	Filing Date	October 17, 2001	
	First Named Inventor	Hiok-Nam Tay	
	Art Unit	2878	
	Examiner Name	Pyo, Kevin K	
Total Number of Pages in This Submission	5	Attorney Docket Number	0190112

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<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Credit Card Payment Form PTO - 2038 2. Issue Fee Transmittal Cover Letter 3. Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Farshad Farjami, Esq. Reg. No. 41,014 Farjami & Farjami LLP
Signature	
Date	November 18, 2003

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Signature		Date	November 20, 2003

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